

MICRONEEDLE ARRAY SYSTEMS

ABSTRACT OF THE DISCLOSURE

The present invention relates to systems of microneedle arrays to align and form optical components. Active components such as lasers are combined with optical fibers.

- 5 Microneedles are fabricated using techniques such as laser drilled Kapton, and combined with optical fiber, using bump bonding and UV curing adhesives to manufacture a variety of optical components.
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